

East 8 USPB, USPT, WPI, JPO

| Ref # | Hits    | Search Query   | DBs                | Default Operator | Plurals | Time Stamp       |
|-------|---------|--|--------------------|------------------|---------|------------------|
| L1    | 104975  | (oh or hydroxyl).clm.  | US-PGPUB;<br>USPAT | OR               | OFF     | 2005/06/22 21:25 |
| L2    | 51544   | ("si2o3" or silica).clm.   | US-PGPUB;<br>USPAT | OR               | OFF     | 2005/06/22 21:26 |
| L3    | 32774   | precip\$.clm.  | US-PGPUB;<br>USPAT | OR               | OFF     | 2005/06/22 21:26 |
| L4    | 2666175 | size or diameter or micron or mu or mum or nm or nanometer                           | US-PGPUB;<br>USPAT | OR               | ON      | 2005/06/22 21:26 |
| L5    | 665182  | (size or diameter or micron or mu or mum or nm or nanometer or ang or angstrom).clm. | US-PGPUB;<br>USPAT | OR               | ON      | 2005/06/22 21:37 |
| L6    | 2330    | 2 with 3   | US-PGPUB;<br>USPAT | OR               | ON      | 2005/06/22 21:27 |
| L7    | 338     | 1 and 6  | US-PGPUB;<br>USPAT | OR               | ON      | 2005/06/22 21:27 |
| L8    | 84      | 5 and 7  | US-PGPUB;<br>USPAT | OR               | ON      | 2005/06/22 21:27 |
| L9    | 70076   | 1 with group.clm.  | US-PGPUB;<br>USPAT | OR               | ON      | 2005/06/22 21:28 |
| L10   | 70076   | 1 with groups.clm.   | US-PGPUB;<br>USPAT | OR               | ON      | 2005/06/22 21:28 |
| L11   | 56      | 8 and 9  | US-PGPUB;<br>USPAT | OR               | ON      | 2005/06/22 21:28 |
| L12   | 78480   | (cmp or \$polish\$ or chemimech\$ or planariz\$ or lap\$ or grind\$ or abrad\$).clm. | US-PGPUB;<br>USPAT | OR               | ON      | 2005/06/22 21:45 |
| L13   | 29847   | slurr\$.clm.   | US-PGPUB;<br>USPAT | OR               | ON      | 2005/06/22 21:29 |
| L14   | 6       | 11 and (12 or 13)  | US-PGPUB;<br>USPAT | OR               | ON      | 2005/06/22 21:34 |
| L15   | 92069   | (oh or hydroxyl) with group  | US-PGPUB;<br>USPAT | OR               | ON      | 2005/06/22 21:35 |
| L16   | 222324  | (oh or hydroxyl) with group  | US-PGPUB;<br>USPAT | OR               | ON      | 2005/06/22 21:35 |
| L17   | 46      | ("si2o3" or silica) with precip\$  | US-PGPUB;<br>USPAT | OR               | ON      | 2005/06/22 21:41 |
| L18   | 160     | (si with o) with precip\$  | US-PGPUB;<br>USPAT | OR               | ON      | 2005/06/22 21:41 |
| L19   | 0       | (si2 with o3) with precip\$  | US-PGPUB;<br>USPAT | OR               | ON      | 2005/06/22 21:42 |
| L20   | 5       | 16 same (17 or 18)   | US-PGPUB;<br>USPAT | OR               | ON      | 2005/06/22 21:36 |

|     |         |  |                   |    |    |                  |
|-----|---------|--|-------------------|----|----|------------------|
| L21 | 2689644 | size or diameter or micron or mu or mum or nm or nanometer or ang or angstro\$           | US-PGPUB; USPAT   | OR | ON | 2005/06/22 21:41 |
| L22 | 0       | 20 same 21   | US-PGPUB; USPAT   | OR | ON | 2005/06/22 21:37 |
| L23 | 0       | 20 and 22  | US-PGPUB; USPAT   | OR | ON | 2005/06/22 21:38 |
| L24 | 48      | 16 and (17 or 18) and 21   | US-PGPUB; USPAT   | OR | ON | 2005/06/22 21:39 |
| L25 | 1       | 12 and 24  | US-PGPUB; USPAT   | OR | ON | 2005/06/22 21:40 |
| L26 | 11      | (17 or 18) with (oh or hydroxyl)   | US-PGPUB; USPAT   | OR | ON | 2005/06/22 21:42 |
| L27 | 7       | 21 and 26  | US-PGPUB; USPAT   | OR | ON | 2005/06/22 21:40 |
| L28 | 1952148 | size or diameter or micron or mu or mum or nm or nanometer or ang or angstro\$           | EPO; JPO; DERWENT | OR | ON | 2005/06/22 21:48 |
| L29 | 6       | ("si2o3" or silica) with precip\$  | EPO; JPO; DERWENT | OR | ON | 2005/06/22 21:41 |
| L30 | 167     | (si with o) with precip\$  | EPO; JPO; DERWENT | OR | ON | 2005/06/22 21:42 |
| L31 | 0       | (si2 with o3) with precip\$  | EPO; JPO; DERWENT | OR | ON | 2005/06/22 21:42 |
| L32 | 314864  | oh or hydroxyl   | EPO; JPO; DERWENT | OR | ON | 2005/06/22 21:43 |
| L33 | 23616   | 28 and 32  | EPO; JPO; DERWENT | OR | ON | 2005/06/22 21:43 |
| L34 | 3       | 33 and (29 or 30)  | EPO; JPO; DERWENT | OR | ON | 2005/06/22 21:44 |
| L35 | 3434    | "si2o3" or silica with (oh or hydroxyl)  | EPO; JPO; DERWENT | OR | ON | 2005/06/22 21:49 |
| L36 | 821     | 28 and 35  | EPO; JPO; DERWENT | OR | ON | 2005/06/22 21:44 |
| L37 | 1762    | 35 with group  | EPO; JPO; DERWENT | OR | ON | 2005/06/22 21:44 |
| L38 | 387     | 36 and 37  | EPO; JPO; DERWENT | OR | ON | 2005/06/22 21:44 |
| L39 | 445598  | cmp or \$polish\$ or chemimech\$ or planariz\$ or lap\$ or grind\$ or abrad\$ or slurr\$ | EPO; JPO; DERWENT | OR | ON | 2005/06/22 21:48 |
| L40 | 21      | 38 and 39  | EPO; JPO; DERWENT | OR | ON | 2005/06/22 21:45 |
| L41 | 2689644 | size or diameter or micron or mu or mum or nm or nanometer or ang or angstro\$           | US-PGPUB; USPAT   | OR | ON | 2005/06/22 21:48 |

|     |        |  |                   |    |    |                  |
|-----|--------|--|-------------------|----|----|------------------|
| L42 | 664068 | cmp or \$polish\$ or chemimech\$ or planariz\$ or lap\$ or grind\$ or abrad\$ or slurr\$ | US-PGPUB; USPAT   | OR | ON | 2005/06/22 22:02 |
| L43 | 2804   | ("si2o3" or silica or (si with o) or (si2 with o2)) with (oh or hydroxyl) with group     | EPO; JPO; DERWENT | OR | ON | 2005/06/22 21:49 |
| L44 | 6193   | ("si2o3" or silica or (si with o) or (si2 with o2)) with (oh or hydroxyl) with group     | US-PGPUB; USPAT   | OR | ON | 2005/06/22 22:04 |
| L45 | 77     | 41 same 42 same 44   | US-PGPUB; USPAT   | OR | ON | 2005/06/22 21:51 |
| L46 | 21     | 45 same (precip\$ or fum\$ or colloid\$)   | US-PGPUB; USPAT   | OR | ON | 2005/06/22 21:51 |
| L47 | 77     | 45 or 46   | US-PGPUB; USPAT   | OR | ON | 2005/06/22 22:00 |
| L48 | 161    | 44 with (nm or nms or nanometer)   | US-PGPUB; USPAT   | OR | ON | 2005/06/22 22:00 |
| L49 | 49379  | ("si2o3" or silica or (si with o) or (si2 with o2)) with 41                              | US-PGPUB; USPAT   | OR | ON | 2005/06/22 22:02 |
| L50 | 161    | 48 and 49  | US-PGPUB; USPAT   | OR | ON | 2005/06/22 22:02 |
| L51 | 119    | 50 and 42  | US-PGPUB; USPAT   | OR | ON | 2005/06/22 22:03 |
| L52 | 103    | 51 not 47  | US-PGPUB; USPAT   | OR | ON | 2005/06/22 22:03 |
| L53 | 34496  | ("si2o3" or silica or (si with o) or (si2 with o2)) same 42                              | US-PGPUB; USPAT   | OR | ON | 2005/06/22 22:04 |
| L54 | 83     | 50 and 53  | US-PGPUB; USPAT   | OR | ON | 2005/06/22 22:05 |
| L55 | 67     | 54 not 47  | US-PGPUB; USPAT   | OR | ON | 2005/06/22 22:05 |